

nj-crop-weather

State  
New Jersey Crop Weather

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Week Ending  
September 23, 2001

Issue  
NJ-CW3801

**In Cooperation With:**  
U.S. Department of Agriculture  
National Agricultural Statistics Service  
Agricultural Marketing Service  
U.S. Department of Commerce/N.O.A.A.  
Rutgers University

**Agricultural Summary**

Days suitable for field work 6.3. Topsoil moisture supplies were rated 36% very short, 60% short and 4% adequate. Corn dent 83%. Corn mature 23%. Corn condition was rated 59% fair, and 41% good. Corn silage harvested 34%. Soybean condition was rated 52% fair, and 48% good. Producers continued to cut and bale hay, although some reported yields reduced by dry weather. Activities included planting fall cover crops, irrigating fields, spraying and pulling plastic mulch. Sweet corn, pepper, cantaloupe, summer potato and fresh market tomato harvest was winding down in some localities. Crop condition was mostly good to fair. Mild weather conditions allowed producers to make good progress harvesting pumpkins. Crop condition was rated mostly good although minor pest and disease problems were reported in some fields. Sweet potatoes harvest was underway in some localities with crop condition rated as mostly good. Cranberries were rated in mostly good condition. Apples were also rated in mostly good condition with harvest continuing on schedule.

**Climate summary for the week ending Sunday 9/23/01**

Temperatures averaged much above normal. Extremes were 84 degrees at Hammonton and Pemberton on the 23rd and 42 degrees at Pemberton on the 18<sup>th</sup>. Weekly rainfall averaged 1.38 inches north, 0.79 inches central, and 0.47 inches south. The heaviest 24 hour total reported was 1.54 inches at Charlotteburg on the 20th to 21st.

Estimated soil moisture, in percent of field capacity, this past week averaged 94 percent north, 86 percent central and 51 percent south. Four inch soil temperatures averaged 64 degrees north, 65 degrees central and 66 degrees south.

**WEATHER SUMMARY FOR THE WEEK ENDING SUNDAY 9/23/01**

WEATHER STATIONS	R A I N F A L L			TEMPERATURE				DEGREE		GROWING 1/	SOIL 2/
	WEEK	TOTAL	*DEP	MX	MN	AVG	*DEP	TOT	*DEP	DAYS	MOISTURE
BELVIDERE BRIDGE	.93	25.40	-2.25	82	45	67.	7	2837	288	91	
CANOE BROOK	1.36	27.23	-1.82	83	46	64.	3	3016	454	96	
CHARLOTTEBURG	1.54	23.98	-5.35	80	43	66.	8	2488	456	91	
FLEMINGTON	1.67	34.74	6.99	81	49	67.	6	2753	127	96	
LONG VALLEY	DATA MISSING										
NEWTON	DATA MISSING										
FREEHOLD	.75	24.07	-2.89	82	47	68.	5	3199	408	91	
LONG BRANCH	.93	26.78	-.51	78	50	67.	4	2928	193	91	
NEW BRUNSWICK	.71	28.26	.86	82	46	68.	6	3029	106	94	
PEMBERTON	.53	22.53	-5.11	84	42	70.	7	3270	407	65	
TOMS RIVER	1.39	26.74	-1.16	81	45	67.	4	3035	294	93	
TRENTON	.45	26.55	.62	82	49	69.	5	3147	107	75	
CAPE MAY COURT HOUSE	.41	21.60	-2.60	80	50	70.	4	3243	468	40	
DOWNTOWN	.66	19.49	-5.90	83	44	67.	2	3118	63	68	
GLASSBORO	.80	21.87	-4.83	82	52	70.	6	3437	415	67	
HAMMONTON	.65	17.92	-8.75	84	45	68.	4	3239	210	58	
POMONA	.15	16.44	-7.76	83	46	69.	6	3136	261	41	
SEABROOK	.37	24.84	.38	82	52	69.	4	3393	318	49	
ATLANTIC CITY MARINA	.25	16.11	-7.12	79	54	71.	6	3240	438	32	
SOUTH HARRISON	.80	23.80	-2.24	82	50	69	NA	3283	NA	NA	

\*Departure from normal.  
\*\*Some values for Flemington were estimated for the period April-May

"Woodstown normals used for South Harrison"

1/ Growing degree days since March 1, total and departure from normal or long term average.  
2/ Estimated soil moisture as % of field capacity based on climate data.

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